

-continued

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      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:
ATTCAAAGGG TATCTGGGCT CTGG                                     24

(2) INFORMATION FOR SEQ ID NO: 29:

  (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 24 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear

  (ii) MOLECULE TYPE: DNA (genomic)

  (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:
ACTGGCACAG AACAGGCACT TAGG                                     24

(2) INFORMATION FOR SEQ ID NO: 30:

  (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 24 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear

  (ii) MOLECULE TYPE: DNA (genomic)

  (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:
GGAGGAACTG GGAACCACAC AGGT                                     24

(2) INFORMATION FOR SEQ ID NO: 31:

  (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 29 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear

  (ii) MOLECULE TYPE: DNA (genomic)

  (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 31:
GAAAGCCCTA GTGGATGATA AGAATAATC                               29

(2) INFORMATION FOR SEQ ID NO: 32:

  (i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 30 base pairs
      (B) TYPE: nucleic acid
      (C) STRANDEDNESS: single
      (D) TOPOLOGY: linear

  (ii) MOLECULE TYPE: DNA (genomic)

  (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32:
GGACAGATGA TAAATACATA GGATGGATGG                               30

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What is claimed is:

1. A method of simultaneously determining the alleles present in at least three short tandem repeat loci from one or more DNA samples, comprising:
  - a) obtaining at least one DNA sample to be analyzed;
  - b) selecting a set of at least three short tandem repeat loci of the DNA sample to be analyzed which can be

co-amplified, wherein the at least three short tandem repeat loci in the set comprises at least three loci selected from the group consisting of:  
 HUMPOX, HUMTH01 and HUMCD4;  
 HUMTPOX, HUMTH01 and HUMVWFA31;  
 HUMHPRTB, HUMFESFPS and HUMVWFA31;

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